

GRANOLITHIC WALK CAMBRIDGE FIELD, LOOKING NORTH FROM YORK STREET

City of Cambridge
Massachusetts

C.R.

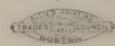
PARK DEPARTMENT
ANNUAL REPORTS

1912

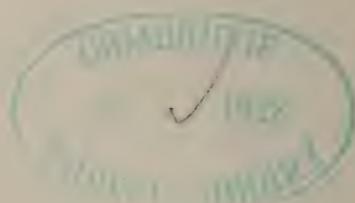


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REPORT OF BOARD OF PARK COMMISSIONERS

To the Honorable, the City Council of the City of Cambridge:—

GENTLEMEN:—The Board of Park Commissioners has the honor to submit herewith its nineteenth annual report covering the municipal year March 31, 1912, together with the eighteenth annual report of the General Superintendent of Parks, as required by Section 4 of the ordinances establishing a Park Department.

By reason of its importance, it is but natural that the work first to be referred to in this report should be

THE ESPLANADE

Year after year your Commission has called the attention of the City Council to the great necessity for liberal appropriations for the completion of this work. At no time, however, has the opportunity presented itself so strongly as at present. The City Government, during the past year, has very wisely granted the necessary authority for the bringing of the Institute of Technology to our city. To this end it has given up taxable property to the extent of hundreds of thousands of dollars. That the future will confirm the wisdom of your acts seems certain, but it is, nevertheless, essential that you shall at once do those things which will result in the City obtaining the immediate benefits consequent upon the coming of this institution to our shores. We believe that within a very short time the revenue derived by the city from the immense area of land adjoining our Esplanade will be vastly increased. We must, however, encourage its development while the iron is hot. Already many inquiries are being made for this land, and the results of the past year insure still greater results during the coming year. We believe your citizens generally are agreed that the work started so many years ago should now be completed. We therefore ask that liberal appropriations be made that this roadway may be finished from Cambridge Bridge to the Stillman Infirmary. This will include:

1st.—The finishing of the Parkway at Cambridge Bridge, now so necessary owing to the completion of the subway. It must be remembered that a very large percentage of the traffic to and from

Cambridge will be hereafter in this direction, and we must present our parks in a favorable light, in order that visitors may be properly impressed with our city.

2nd.—The rebuilding of the roadways in front of the new Institute buildings necessitated by the additional traffic there caused by the closing of other streets.

3rd.—The completion of the roadway over the Boston & Albany Railroad bridge. The filling received from the subways has put this roadway in shape to be surfaced.

4th.—Finishing of the roadway from Magazine street to River street. A large part of this road has been brought up to grade with stone and only requires surfacing.

5th.—The opening of the roadway from River street to Western avenue. This is an essential work and should be arranged for at once. It will complete the last link in our river drive and has been delayed too long.

6th.—The completion of the roadway from Western avenue to Boylston street.

Your Commission is ready to submit detailed estimates for the work, and trusts their request will be granted at the earliest opportunity.

NEW BATH HOUSE AT CAPTAINS' ISLAND

We should at this time have an appropriation for a new bath house. Our receipts for the season of 1911 were \$1,127.34, or \$237.00 greater than for 1910. With proper accommodations, this bath house could probably be made self-supporting. Our people were at first disposed to look with suspicion at the fresh water of the Charles River, having been for so many years accustomed to the salt water. This feeling has not been well founded, but it will be the policy of your Commission to keep close watch on the pureness of the water, and while the salt bathing will perhaps always be missed, we still believe the bathers will frequent the beach in greater number during the coming years. The Commission intends to submit plans for your consideration at an early date.

SHADE TREES

During the past year 425 dead trees were removed and 500 new trees planted. Much still remains to be done, however, and generous appropriations should be made. Your Commission would like to plant 1,000 trees the coming year and remove many more of the dead ones. The same conditions prevail as regards our trees as have been referred to in former reports.

A contract has been given for a floating bath house, to be placed at the East Cambridge embankment. This house will be completed and placed in time for the summer bathing.

A settlement has been arranged with the Boston Elevated Railroad whereby any rights the city may have had in Murray street have been released upon the payment to the city of \$1,500.

During the past year your Commission was able to come to an amicable and equitable settlement with the Riverside Boat Club for the taking of their house and land many years ago. This settlement includes the granting of a location for a new house at the foot of Pleasant street, which has been arranged. We wish to thank at this time the committees from the Boat Club for the friendly spirit they have always shown in the handling of this question.

Your commission desires to call the attention of the City Council to the advisability of changing the city's fiscal year back to November 30th. Under present conditions, the work of our department is considerably embarrassed by the fact that the annual budget is passed so late in the year. Our appropriations all come now much too late for spring work, whereas much earlier consideration should be given our requirements. This, of course, is impossible with a year commencing April 1st. We believe other departments must have similar troubles. From a financial point of view, the city would be no loser, as with one year's taxes for nine months' work the city would be able to partly relieve itself of the obligation it now has by reason of the latest change.

FINANCIAL STATEMENT

PARK LOANS

Amount of unused balance of 1910 appropriation:	
Reappropriated April 27, 1911	\$13,748 59
Amount appropriated June 22, 1911.....	4,500 00
Amount appropriated June 23, 1911	2,500 00
Amount appropriated September 20, 1911.....	6,200 00
	<hr/>
	\$26,948 59

PARK MAINTENANCE

Brown Tail Moth and Elm Leaf Beetle Extermination:	
Amount appropriated May 19, 1911.....	\$7,000 00
Sections A, B, D, F, G and H:	
Amount appropriated May 19, 1911.....	\$7,144 85
Amount transferred November 28, 1911, to Maintenance, Longfellow Park	3 26
	<hr/>
	7,140 59
Cambridge Field and Shelter:	
Amount appropriated May 19, 1911.....	\$5,755 00
Amount appropriated March 2, 1912.....	100 00
	<hr/>
	5,855 00
Shade Trees:	
Amount appropriated May 19, 1911.....	5,440 00
Removal of Dead Trees:	
Amount appropriated May 19, 1911.....	5,000 00
Commons, Squares and Public Grounds:	
Amount appropriated May 19, 1911.....	4,250 04
Amount appropriated March 2, 1912.....	200 00
	<hr/>
	4,450 00
Rindge Field and Shelter:	
Amount appropriated May 19, 1911.....	3,787 41
Salaries:	
Amount appropriated May 19, 1911.....	2,600 00
Bath House:	
Amount appropriated May 19, 1911.....	1,700 00
General Account:	
Amount appropriated May 19, 1911	\$1,350 47
Amount transferred June 8, 1911, to Street Department, Maintenance	432 00
	<hr/>
	\$918 47
Amount appropriated March 2, 1912.....	200 00
	<hr/>
	1,118 47
Longfellow Park:	
Amount appropriated May 19, 1911.....	\$250 00
Amount transferred November 28, 1911, from Maintenance, Sections A, B, D, F, G and H..	3 26
	<hr/>
	253 26
Placing Curb, Pleasant Street Park:	
Amount appropriated May 19, 1911	225 00
Gun Carriages, Cambridge Common:	
Amount appropriated November 18, 1911.....	150 00

During the year bills payable from Park Loans have been approved by the Board and certified to the Auditor to the total amount of \$23,359.54, as follows:—

PARK LANDS AND CONSTRUCTION

River Parkway, Section A:			
Construction account		\$5,480	43
River Parkway, Section B:			
Construction account		3,278	28
River Parkway, Section C:			
Construction account		25	00
River Parkway, Section D:			
Construction account		2,232	91
River Parkway, Section E:			
Land account		7,035	00
River Parkway, Section F:			
Construction account		865	47
River Parkway, Sections G and H:			
Construction account		424	37
Granolithic Walks, Cambridge Field, and Rearrange- ment, Memorial Gateway, Cambridge Common:			
Construction account		1,651	60
Floating Bath House:			
Construction account		1,023	28
Delta, Cambridge Bridge:			
Construction account		927	83
Shower Baths and Heating Apparatus, Rindge Field:			
Construction account		415	37
Amount expended			\$23,359 54
Amount unexpended			\$3,589 05

During the year bills payable from Park Maintenance have been approved by the Board and certified to the Auditor as follows:—

	Amount Expended	Balance Unexpended
Brown Tail Moth and Elm Leaf Beetle Extermination	\$6,999 53	\$ 47
Sections A, B, D, F, G and H.....	7,140 52	07
Cambridge Field and Shelter.....	5,854 97	03
Shade Trees	5,439 60	40
Removal Dead Trees	4,999 69	31
Commons, Squares and Public Grounds.....	4,449 93	11
Rindge Field and Shelter.....	3,787 16	25
Salaries	2,590 46	9 54
Bath House	1,699 77	23
General Account	1,118 03	44
Longfellow Park	253 26	...
Placing Curb, Pleasant Street Park.....	224 93	07
Gun Carriages, Cambridge Common.....	150 00	...

A detailed classification of the expenditures will be found in the report of the General Superintendent.

Since the beginning of the work in 1893 there has been expended to date of money raised under Park and Esplanade Loans the sum of \$1,610,791.13.

The division is as follows:—

River Parkway, Section A:				
Land account	\$9,416	83		
Construction account	172,337	31		
			181,754	14
River Parkway, Section B:				
Construction account	\$111,530	32	\$111,530	32
River Parkway, Section C:				
Construction account	\$114,713	06		
Land account	31,701	08		
			146,414	14
River Parkway, Section D:				
Construction account	\$122,772	52		
Land account	95,047	25		
			217,819	77
River Parkway, Section E:				
Construction account	\$1,259	70		
Land account	67,145	00		
			68,404	70
River Parkway, Section F:				
Construction account	\$69,912	84		
Land account	67,491	62		
			137,404	46
River Parkway, Section G:				
Construction account	\$121,117	78		
Land account	86,824	82		
			207,942	60
River Parkway, Section H:				
Construction account	\$13,135	30	13,135	30
River Parkway, Delta, Cambridge Bridge:				
Construction account	927	83	927	83
Cambridge Field:				
Construction account	\$128,513	59		
Land account	78,884	85		
			207,398	44
East Cambridge Embankment:				
Construction account	\$102,897	93		
Land account	45,231	40		
			148,129	33
General Account:				
Construction account	\$55,352	45	55,352	45
Rindge Field:				
Construction account	\$19,307	86		
Land account	31,461	95		
			50,769	71
Office Expenses:				
Construction account	\$15,915	29	15,915	29

PARK DEPARTMENT

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Broadway:			
Construction account	11,635	27	11,635 27
Rebuilding Sea Walls:			
Construction account	10,887	89	10,887 89
Nursery:			
Construction account	9,240	49	9,240 49
Improvements at Rindge Field:			
Construction account	7,788	98	7,788 98
Hastings Square:			
Construction account	2,683	07	2,683 07
Baths and Lockers:			
Construction account	2,500	00	2,500 00
Winthrop Square:			
Construction account	1,866	26	1,866 26
Shower Baths and Heating Apparatus, Rindge Field:			
Construction account	1,891	10	1,891 10
Floating Bath House:			
Construction account	1,023	28	1,023 28
Mill Pond:			
Construction account	999	77	999 77
Fort Washington:			
Construction account	929	79	929 79
Washington Elm:			
Construction account	466	98	466 98
Memorial Gateway, Cambridge Common:			
Construction account	453	29	453 29
Porter Square:			
Construction account	20	87	20 87
			\$1,615,285 52
Less Park revenue for 1894 and 1896 merged into land and construction accounts			4,494 39
			<u><u>\$1,610,791 13</u></u>

Of the whole amount of Park Loans expended to April 1, 1912, 32 per cent. has been for land and 68 per cent. for construction, as follows:—

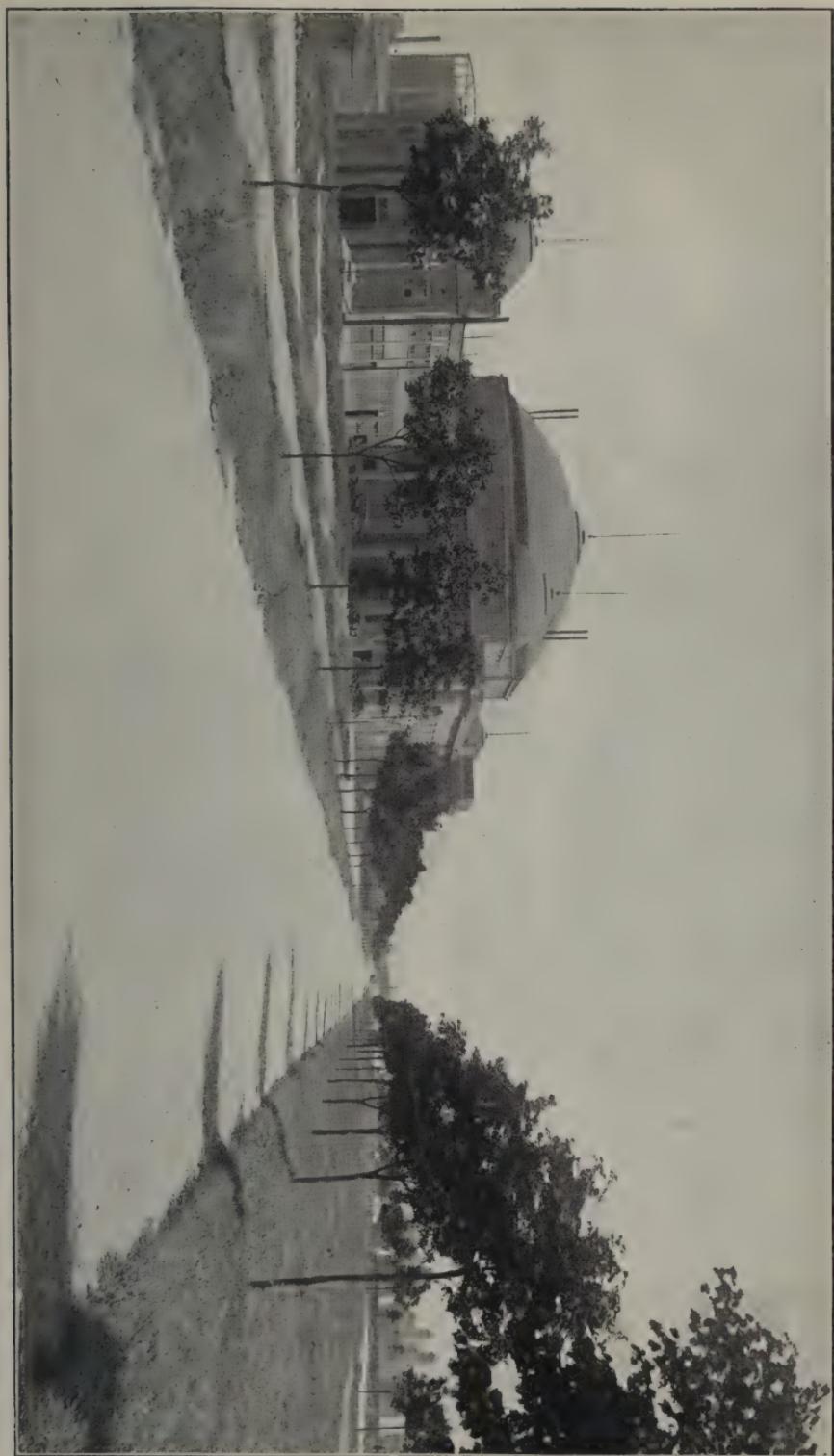
Land account (less revenues)	\$508,710 31
Construction account	1,102,080 82
	<hr/> <hr/> <hr/> <hr/>
	\$1,610,791 13

Respectfully submitted,

WILLIAM M. WADDEN,
DAVID J. NELLIGAN,
PETER MULLIN,

Park Commissioners.

ROADWAY REBUILT LOOKING EAST FROM MASS. AVENUE



REPORT OF GENERAL SUPERINTENDENT OF PARKS

CAMBRIDGE, April 1st, 1912.

To the Board of Park Commissioners of the City of Cambridge:—

GENTLEMEN:—I have the honor to present my sixth annual report as General Superintendent of Parks, covering the financial year of 1912.

SECTION A

(Area 9.07 acres)

Section A extends from the south line of Main street as widened for the approach to the new Cambridge Bridge to the west line of the third street east of Massachusetts avenue.

Six Welsbach lights were maintained during the year.

Early in the spring work was commenced. After 32 pits were dug 14 ft. long, $7\frac{1}{2}$ ft. wide and 4 ft. deep and filled with loam, the trees were planted.

One hundred sixty feet of the 20 feet of sidewalk at the approach to the new bridge were brought to grade with gravel taken from the tree pits. The remainder of the gravel was used to fill all the depressions in the 40 feet roadway to sub-grade. This part of the roadway is now in a condition for finishing.

SECTION B

(Area 19.72 acres)

Section B extends from the west line of the third street east of Massachusetts avenue to the west line of the fourth street west of the avenue, but does not include Massachusetts avenue.

Twenty-six Welsbach lights were maintained during the year.

The usual care was given this section during the year, four men being employed from April 1st to November 1st, in cutting grass, cleaning shrubbery beds and walks.

Although the deck of the public landing has been replanked this season, nevertheless, it is necessary to have it re-buoyed as soon as money is available.

I regret to mention that no appropriation has been made for the purpose of carrying out my recommendation of last year regarding the repairing of the iron fence along the sea wall. This fence is now in such poor condition that it requires immediate attention.

The 30 feet roadway between the Cambridge Bridge and the Charlesgate Hospital was rebuilt in the following manner: First, the old road was plowed, harrowed and leveled to sub-grade; five inches of egg stone were then placed on this, after which it was thoroughly rolled. Tarvia X was then applied at the proportion of $1\frac{1}{2}$ gallons to the square yard. After this a covering of nut stone was laid for the purpose of filling in all voids. The surface was then rolled and Tarvia X was again applied at the proportion of $\frac{1}{2}$ gallon to the square yard. Lastly, pea stone was added, and the surface thoroughly rolled. The roadway is now in an excellent condition.

On May 25th, 1911, a contract was made with the Winchester Stone Co. for delivery of about four thousand tons of crushed stone on the Parkway at a cost of \$1.62 per ton.

SECTION C

(Area 13.39 acres)

Section C extends from the west line of the fourth street west of Massachusetts avenue to the east line of Brookline street.

The only work done on the section the past year was the patching and oiling of the 30 feet roadway. Nine thousand cubic yards of filling were received from the Subway without any cost to the department. Receiving this filling made it possible to open the roadway over the bridge. Although the use of the roadway has been rendered possible, it is still in a crude condition for public travel.

SECTION D

(Area 38.31 acres)

Section D extends from the west line of Brookline street to the south line of River street.

Twenty-nine Welsbach lights have been maintained; eighteen on the driveway and eleven on the island, together with the three arc lights on the beach during the bathing season.

ROADWAY REBUILT LOOKING WEST FROM MASS. AVENUE



The forty feet roadway between Brookline street and Magazine street has received a coating of Tarvia B. The condition of the roadway between these streets is very good. With the balance of the money, which was left from building the roadway on Sections A and B, between the Cambridge Bridge and the Charlesgate Hospital, 560 feet of the forty feet roadway west of Magazine street was partially built.

The bath house was open from June 14th to August 25th with the following attendants: Two life guards, two men in the men's bath house, one in each locker house; one woman in the women's bath house and one woman selling tickets. The bath house had to be closed two weeks earlier than usual on account of the small appropriation; and also on account of the enforcement of the eight-hour law which made it necessary to employ one man extra for six days and one lady extra two days each week.

The new office was built, the rafts repaired and considerable repairing was done on the buildings.

The buildings which were built in 1900 were built for temporary use only, and have long since outlived their usefulness. The floors are rotted, the roof leaks so badly that it is impossible to keep the suits and towels dry during a storm. I believe with a new building, equipped with modern improvements, the beach would be patronized more extensively.

The receipts for the season were \$1,127.34, an increase over last year of \$232—and if the accommodations could have been offered to those who were turned away during the hot wave the receipts would have been much greater. The laundry work was done by the Quaker Laundry Company at \$2.75 per hundred suits, 65 cents per hundred stockings, and 75 cents per hundred towels. A new boat was purchased.

SECTION E

(Area 1.77 acres)

Section E extends from the north line of River street to the south line of Western avenue.

On May 2nd, 1911, the Riverside Boat Club house was burned, and settlement has been made to the club by the city for the land and building. Thus one of the obstacles which has previously prevented the opening of the roadway has been removed. With a sufficient

appropriation this section can now be opened for public travel, and thus be the connecting link between Sections D and F. By so doing a long felt necessity will be filled.

SECTION F

(Area 13.89 acres)

Section F extends from the north line of Western avenue to the east line of Boylston street.

Seventeen Welsbach lights have been maintained during the year.

The entire length of the forty feet roadway was thoroughly repaired this year. It received a coat of Travia B and is now in a fair condition.

SECTION G

(Area 16.07 acres)

Section G extends from the west line of Boylston street to the east line of the land of the Stillman Infirmary.

Twenty-six Welsbach lights have been maintained during the year.

That part of the 40 feet roadway which extends through the section has received the same treatment as Section F.

The cost of gravel for both sections amounted to \$150.00.

Eighteen settees were repaired and painted.

SECTION H

(Area 1.44 acres)

Section H extends from the east line of the land of the Stillman Infirmary to the Metropolitan taking at Gerry's landing.

The section received the care of the men employed at Section G.

LONGFELLOW PARK

(Area 2.14 acres)

The \$250 appropriated for care of this park is not sufficient to keep it in proper condition. When one considers that the above appropriation will provide for the services of one man from April 1st only to the second week in August, when one man should be employed

until November 1st, it is clearly to be seen that this appropriation is not sufficient to give this park of over two acres the care it really requires.

CAMBRIDGE COMMON

The work at the entrance to the Memorial Gateway has not been completed on account of the delay in receiving the curbing which did not arrive until the middle of October, giving just about time to have it set when the frost entered the ground, preventing any planting or granolithic being done. This work will be completed as soon as the weather permits.

Sixty-five settees were repaired and painted.

Three new carriages were made and placed under the guns at a cost of \$150.00.

One hundred and sixty-one trees on the Common were trimmed. Dead trees were removed.

Both the trees trimmed and those removed were badly infested with the leopard moth.

The entrance of the Subway at the small Common is practically completed.

PUBLIC LIBRARY

In former years the grounds around the Cambridge High and Latin Schools, and also the grounds around the Manual Training School, were cared for by this department. This year, by an order of the City Government, these grounds came under the control of the School Department.

The grounds about the Library received the usual care, one man being employed during the summer.

FORT WASHINGTON AND HASTINGS SQUARE

The usual care has been given these places. The grounds around both these parks provide suitable recreation places for mothers and young children during the hot summer months.

CITY HALL

The grounds around City Hall received a coat of sub-soil, a fertilizer was used and the grass seed sown. On account of the scarcity of water no watering was done after July 1st. Consequently the appearance was not as good as it has been in former years.

WINTHROP SQUARE

This square received the usual care and attention.

BROADWAY COMMON AND DANA SQUARE

Both of these places were given to the Playground Commission in 1910. Since that time the Park Department has done everything in its power to keep it in as good condition as possible, considering the unfavorable circumstances with which it has had to contend. These two places serve as proof that playgrounds and parks cannot be maintained in such small areas without proper supervision, a thing which has been lacking in the past.

Dana Square is in a very deplorable condition when considered from a park point of view. Almost the same thing might be said of Broadway Common. I should recommend that protection be given these places if they are to continue as parks and playgrounds.

HENDERSON SQUARE

This square is located at the junction of Western avenue, Pleasant and River streets, and although given over to the city by the heirs of Annie Jacobs in 1908, nothing in the way of improvement has been done until this year. A granolithic curb has been built around the square, and it is hoped that the coming year shrubs may be planted and grass seed sown to add to the appearance.

EAST CAMBRIDGE EMBANKMENT

(Area 8.35 acres)

No work has been done on the embankment except the making of a contract for a new floating bath house to be located along the sea-

wall. This is to be completed and ready for use at the opening of the bathing season. As the opening of Commercial avenue by the Street Department now provides a direct route from Charlestown to our Park system, it is necessary that those grounds be put in such condition that they will give as favorable an appearance as the Metropolitan Park on the opposite side of the Basin. In its present condition when we compare the grounds around these two places ours presents rather an unsightly view.

RINDGE FIELD AND SHELTER

(Area 11.28 acres)

The Shelter has been opened for the entire year for the first time. Those employed were a superintendent, a matron, one man on the field and an extra man on the field during the summer months.

The opening of the six shower baths in the basement has proven very beneficial to the large numbers of those patronizing them during the summer and winter.

The building has been painted outside and inside, the woodwork has been varnished, the cellar has been whitewashed and is now in first-class condition.

The ball field is becoming more popular each year. This is shown by the issuing of 40 permits in the past year. The field and baths were used to good advantage by the Rindge Manual Training School during their spring training.

The members of the police force played all their home games here in the presence of a great number of people on each occasion.

The ball games, fireworks, and band concerts given under the direction of the City Government last Fourth of July proved a great success; over 5,000 enjoying them.

The field was used also to good advantage for football during the football season.

Skating was enjoyed continually from January 1st to March 1st. A hockey rink was laid out and matched games were played.

One man has been employed in the Nursery caring for the stock.

The following is an account of Nursery stock:—

TREES

Acer platanoides	9
" saccharum	11
Platanus orientalis	62
Populus dilata	16
Quercus rubra	21
Salix pentandra	7
Tilia Americana	12
Ulmus Americana	18

SHRUBS

Amorpha fruticosa	7
Andromeda japonica	8
Aralia pentaphylla	76
Azalea amoena	10
Baccharis halimifolia	6
Berberis thunbergii	1,000
" vulgaris	9
Buxus sempervirens	20
Calycanthus floridus	21
Caragana arborescens	43
Ceanothus Americanus	2
Celastrus scandens	38
Clethra alnifolia	137
Cornus alba	7
" florida	33
" paniculata	19
" sericea	140
" sanguinea	53
Crataegus oxyacantha	52
Deutzia crenata	10
" gracilis	10
Eleagnus longpipes	14
Euonymus radicans	150
Exochorda grandiflora	31
Forsythia fortunei	100
Forsythia viridissima	70
Hydrangea asplenifolia	40
" paniculata	7
Ilex glabra	12
" verticillata	8
Kalmia latifolia	30
Ligustrum ibota	25
" ovalifolium	69
" vulgaris	22
Lonicera brachypoda	50
" halliana	40
" tatarica alba	25
" tatarica	90
Lyctium barbarum	7
Mahonia aquifolia	18
Philadelphus coronarius	20
Periploca graeca	20
Rhamnus cartharticus	20
Rhodotypos kerriodes	5

Rhus aromatica		50
" canadensis		30
" typhina		15
Ribes aureum		2
Robinia hispida		5
Rosa multiflora		19
" nitida		1
" robina		6
" rugosa		200
" setigera		6
" wichuraiana		20
Spiraea Anthony waterer		33
" aurum		6
" billardii		9
" bumalda		35
" pruniflora		5
" salicofolia		17
" Van Houttei		31
" thunbergii		100
Staphylea trifolia		40
Stephanandra flexuosa		16
Symphoricarpos vulgaris		232
Syringa vulgaris		26
Tamarix africana		6
Viburnum cassinoides		14
" dentatum		42
" lantana		40
" lentago		2
" opulis		18
" opulis nana		4
" tomentosa		11
Vinca minor		200
Xanthorrhiza apilfolia		100

The following table shows the appreciation of the shower baths at the Shelter Building the last year:—

	Men	Girls and Women	Boys
1911			
April	560	13	....
May	800	307	....
June	750	325	40
July	1,400	685	420
August	580	420	300
September	410	80	20
October	280	25	....
November	278	8	....
December	290	6	....
1912			
January	200	6	....
February	209	....	....
March	274	....	....
Totals	6,031	1,875	780
Grand total—	8,686		

The following is an account of stock on hand on the field:—

3 long-handled shovels	1 lantern
3 galvanized ash barrels	1 box toilet paper
3 scufflers	1 hammer
3 wooden rakes	1 axe
2 iron rakes	1 screw driver
2 ice water coolers	1 ice scraper
2 brooms	1 whitewash brush
2 bubblers	1 coal shovel
1 set bases	4 paint brushes
1 pick	280 towels
1 grub	21 settees
1 snow shovel	20 lbs. soap
1 pail	

CAMBRIDGE FIELD AND SHELTER

(Area 12.64 acres)

Four men have been employed at the field this past season cleaning the shrubbery beds and cutting grass.

Eleven dead trees were replaced.

Granolithic walks were laid on the paths parallel with Willow and York Streets by Simpson Brothers Corporation at a cost of \$1,193.43.

The running track proved a great attraction for the boys in the vicinity as well as the ball fields.

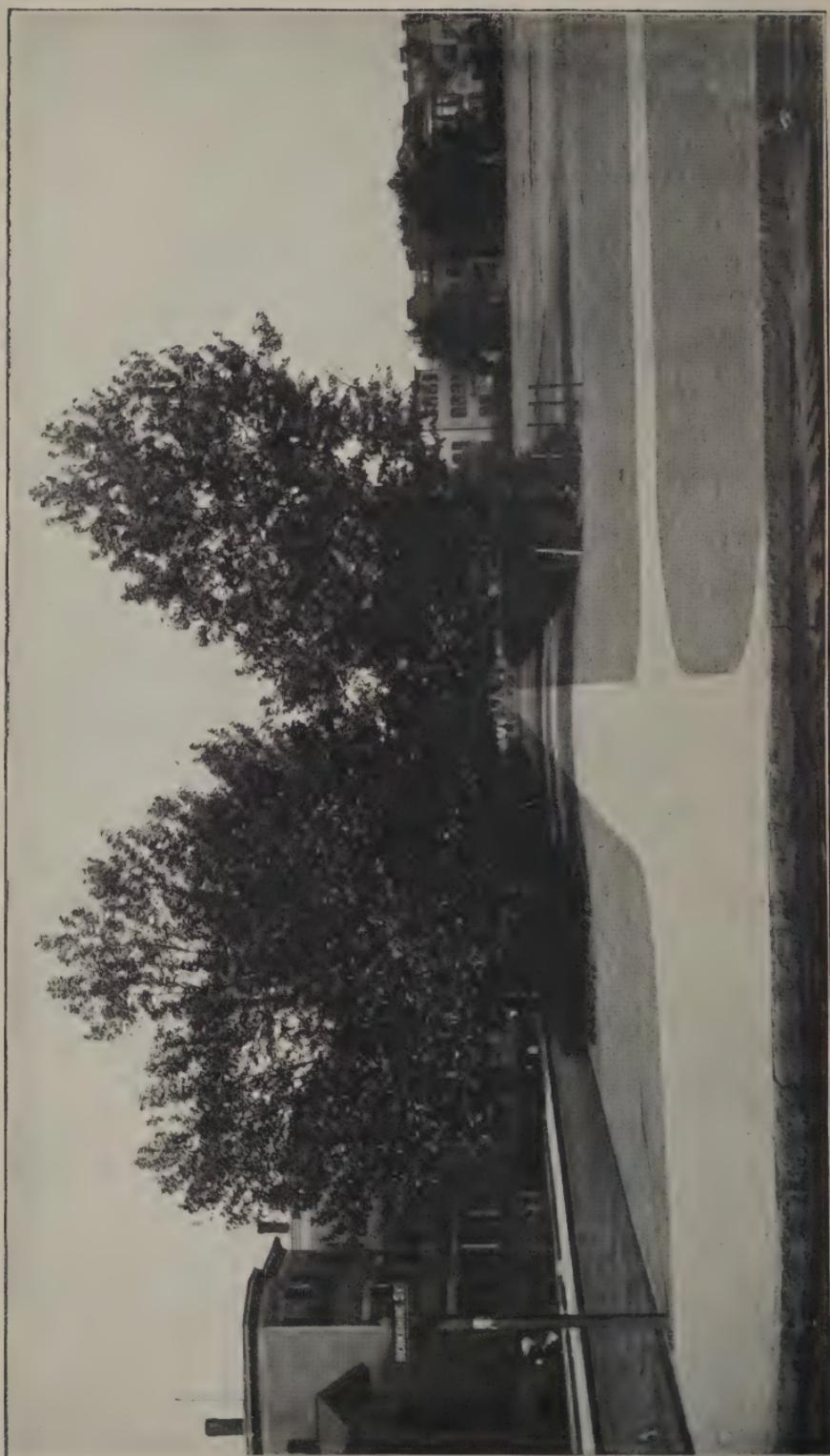
The field was flooded during the winter for skating and was kept in excellent condition, and as a result 47 days of skating were enjoyed.

The shower baths at the Shelter building were patronized well, as the table of bathers will show. It is hoped that additional showers may be installed in the basement during the coming year in order to accommodate a greater number of people.

The shower baths continue to increase in popularity, as is shown by the following table of bathers:

	Boys	Girls	Women	Men
1911				
April	955	123	734	3,809
May	2,280	543	1,105	5,134
June	3,882	723	1,420	5,571
July	8,311	1,434	1,778	7,233
August	7,320	944	1,453	5,328
September	3,569	519	1,137	3,788
October	708	164	1,098	3,014
November	523	....	644	2,833
December	510	....	758	2,974
1912				
January	215	....	593	2,374
February	161	....	715	2,315
March	299	....	870	2,687
Totals	28,733	4,450	12,305	47,060
Grand total—	92,548			

GRANOLITHIC WALK CAMBRIDGE FIELD, LOOKING WEST FROM BERKSHIRE STREET



The following is an account of stock on hand at the field:—

600 feet rope	2 wooden wheelbarrows
276 towels	2 crow bars
150 feet fire hose	2 pairs trimming shears
100 feet garden hose	2 long handled clippers
200 lbs. soap	1 wooden rake
30 rolls paper	1 scuffler
5 reed push brooms	1 gallon floor oil
5 short-handled shovels	1 grubber
5 ash barrels	1 step ladder
4 picks	1 fork
4 long-handled shovels	1 reel for fire hose
4 lawn mowers	1 platform truck
3 corn brooms	1 flag
3 spades	1 iron ladder
3 lanterns	1 sod edger
3 iron rakes	1 hand saw
2 wooden scoops	1 cross-cut saw
2 floor brushes	1 sledge hammer
2 iron wheelbarrows	1 pair rubber boots

BROWN TAIL MOTH AND ELM LEAF BEETLE EXTERMINATION

About 2,300 private estates were cleaned of the gypsy and brown tail moths during the winter months.

On account of the raise of salary of the employees from \$2.00 to \$2.25 per day a charge of 28 cents per hour per man, instead of 25 cents was made, in making up the charges which will appear on the tax bills. About 2,781 street trees were cleaned and the condition of the city in relation to the gypsy and brown tail moths is excellent. If it was not for the destructive habits of the leopard moth we would have nothing to fear for our foliage. The latter insect still continues to spread and do a great amount of harm to the trees and shrubs. As yet no remedy has been found successful for checking the pest.

The elm leaf beetle seems to have been driven away by the spraying done each year. The trees were sprayed for the tussock where any traces were found.

SHADE TREES

A large amount of work has been accomplished this past year in the removal of dead trees. In July a contract was entered into with H. L. Frost of Arlington for the removal of 125 dead trees on the streets for the sum of \$2,437—or \$19.40 per tree.

The contractor was required to do all the work in connection with the removal of these trees and leave the sidewalks and streets in a safe condition. This contract was completed in October. The men of the department removed 117 dead trees, 198 stumps and 44 heads, making a total of 430 dead trees removed during the year. Five hundred and twenty trees were trimmed.

During the winter months, when the gypsy and brown tail moths were being treated and removed, the men also removed a number of dead limbs from the trees.

In the spring 462 young trees were planted throughout the city to partly replace those that had died during the year.

If as much work can be done for the trees the coming year there will be very few of the dead trees left standing.

THE YEAR'S EXPENDITURES

The expenses of the department for the financial year of 1911 are shown in the following summary of the departmental accounts:—

PARK LOANS

(Lands and Construction)

Amount of unused balance of 1910 appropriation reappropriated April 27, 1911.....	\$11,234 32
Amount transferred August 8, 1911, from Delta, Cambridge Bridge	1,027 17
Amount appropriated September 20, 1911.....	6,200 00
Amount transferred September 20, 1911, from Granolithic Walks, Cambridge Field, etc.....	800 00
Amount transferred March 2, 1912, from Shower Baths, etc., Rindge Field	35 00
	<hr/>
	\$19,341 49

EXPENDED

River Parkway, Section A:

Cracked stone	\$2,615 01
Payrolls	2,050 28
Loam	307 77
Teaming	274 50
Hire of steam roller	130 00
Hardware, tools, etc.....	33 85
Trees	25 00
Advertising	19 00
Drain pipe	14 49
Lumber	6 38
Coal for roller	4 15
	<hr/>
	\$5,480 43

Amount carried forward..... \$5,480 43 \$19,341 49

Amounts brought forward..... \$5,480 43 \$19,341 49

River Parkway, Section B:

Cracked stone	\$2,061 73
Tarvia for roadway	797 96
Oil for roadway	136 00
Hire of steam roller	134 00
Payrolls	63 75
Drain pipe	14 50
Hardware, tools, etc.....	13 83
Trees	10 00
Lumber	6 36
Coal for roller	4 15
	3,278 28

River Parkway, Section C:

Trees	25 00
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River Parkway, Section D:

Payrolls	\$1,096 28
Teaming	467 48
Cracked stone	318 15
Loam	187 90
Tarvia	70 00
Trees	50 00
Hardware, tools, etc.....	22 10
Ashes	21 00
	2,232 91

River Parkway, Section E:

Land damages	\$7,000 00
Examination of titles, etc.....	35 00
	7,035 00

River Parkway, Section F:

Payrolls	\$428 62
Tarvia for roadway	280 60
Teaming	80 25
Gravel	76 00
	865 47

River Parkway, Sections G and H:

Tarvia for roadway	\$336 10
Gravel	74 67
Teaming	12 00
Hardware, tools, etc.....	1 60
	424 37

Total amount	\$19,341 46
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Balance unexpended	\$ 03
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GRANOLITHIC WALKS, CAMBRIDGE FIELD AND REARRANGEMENT
OF MEMORIAL GATEWAY, CAMBRIDGE COMMON

Amount appropriated June 23, 1911.....	\$2,500 00
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Amount transferred September 20, 1911, to Section E.....	800 00
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Amounts carried forward.....	\$1,700 00
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Amount brought forward.....	\$1,700 00
Amount transferred March 2, 1912, from Shower Baths, etc., Rindge Field	63 90
	<hr/>
EXPENDED	
Granolithic Walks:	
Advertising	\$4 88
Artificial Walks	1,193 43
	<hr/>
\$1,198 31	
Rearrangement, Memorial Gateway:	
Payrolls	\$138 25
Posts and granite curb	312 00
Cement	3 04
	<hr/>
453 29	
Total amount	\$1,651 60
Balance unexpended	<hr/>
	\$112 30
	<hr/>

DELTA, CAMBRIDGE BRIDGE

Amount of unused balance of 1910 appropriation reappropriated April 27, 1911	\$2,000 00
Amount transferred August 8, 1911, to Sections A, B, D, F, G and H	1,072 17
	<hr/>
EXPENDED	
Payrolls	\$668 00
Teaming	211 50
Loam	32 58
Stakes for engineers	15 75
	<hr/>
Total amount	\$927 83

SHOWER BATHS AND HEATING APPARATUS, RINDGE FIELD

Amount of unused balance of 1910 appropriation reappropriated April 27, 1911	\$514 27
Amount transferred March 2, 1912, to Section E...	\$35 00
Amount transferred March 2, 1912, to Granolithic Walks, etc.	63 90
	<hr/>
	98 99
	<hr/>
	\$415 37

EXPENDED

Final payment on contract for shower baths and installation of extra shower bath	\$188 61
Final payment on heating apparatus, contract.....	140 25
Making new entrance, carpentering	45 23
Repairs to building	16 48
Erecting iron fence at new entrance.....	14 32
Hardware, tools, etc.....	5 08
Plumbing	5 40
	<hr/>
Total amount	\$415 37
	<hr/>

FLOATING BATH HOUSE

Amount appropriated June 22, 1911.....	\$4,500 00
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EXPENDED

First payment on contract for same.....	\$1,002 00
Advertising	18 12
Blue prints for same	3 16
 Total amount	 1,023 28
 Balance unexpended	 \$3,476 72

PARK MAINTENANCE

BROWN TAIL MOTH AND ELM LEAF BEETLE EXTERMINATION

Amount appropriated May 19, 1911	\$7,000 00
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EXPENDED

Payrolls	\$5,734 65
Arsenate of lead	528 00
Teaming	229 50
Portion of salary of clerk chargeable	126 00
Repairs spraying machine	94 13
Board of horse	76 00
Ladder repairs	43 30
Postage and stationery	31 50
Index cards	26 25
Creosote	18 17
Printing notices to property owners	18 00
Hardware, tools and supplies.....	16 49
Wagon repairs	15 45
Gasoline	15 00
Horseshoeing	11 25
Nozzles for hose	10 00
Cylinder oil	4 00
Harness repairs	1 85
 Total amount	 6,999 54
 Balance unexpended	 \$ 46

SECTIONS A, B, D, F, G and H

Amount appropriated May 19, 1911.....	\$7,143 85
Amount transferred November 28, 1911, to Longfellow Park, Maintenance	3 26
	<hr/>

\$7,140 59

EXPENDED

Section A:

Lighting	\$172 60
Tarvia for roadway	321 76
	<hr/>

\$494 36

Section B:

Payrolls	\$1,372 12
Lighting	769 56
Tarvia for roadway	129 97
Raft repairs	125 31
Stakes for engineers	20 00
Hardware, tools, etc.....	8 48
Hose for young trees	3 00
	<hr/>

2,428 44

Section D:

Lighting	\$516 89
Payrolls	674 51
Tarvia for roadway.....	69 00
Tools	5 00
Water, "off and on".....	1 00
	<hr/>

1,266 40

Section F:

Payrolls	\$651 46
Lighting	503 16
Tarvia for roadway	46 50
Teaming/.....	18 00
	<hr/>

1,219 12

Sections G and H:

Payrolls	\$935 12
Lighting	769 68
Stakes for engineers	20 00
Hardware, tools, etc.....	7 40
	<hr/>

1,732 20

Total

\$7,140 52

Balance unexpended.....

\$ 07

CAMBRIDGE FIELD AND SHELTER

Amount appropriated May 19, 1911.....	\$5,755 00
Amount appropriated March 2, 1912.....	100 00
<hr/>	
	\$5,855 00

(The Field)

EXPENDED

Payrolls	\$1,762 52
Lighting	686 85
Teaming	48 00
Repairing flag-pole, housing halliards, etc.	29 20
Repairs and tools.....	18 34
Stakes for engineers	12 50
Repairs, board walks	17 24
Flag for pole	6 80
	<hr/>
	\$2,581 45

(The Shelter)

EXPENDED

Payrolls	\$2,381 67
Coal	464 00
Lighting	115 07
Laundering towels	104 50
Towels	58 75
Soap	53 36
Plumbing repairs	51 17
Toilet paper and expressage	26 00
Supplies	19 00
	<hr/>
	3,273 52
Total	<hr/>
	\$5,854 97
Balance unexpended	\$ 03

SHADE TREES

Amount appropriated May 19th, 1911	\$5,440 00
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EXPENDED

Payrolls	\$3,820 63
Trees	390 00
Wire netting	337 50
Teaming	260 25
Tree poles	245 00
Loam	160 72
Hardware, tools, etc.....	106 37
Rope	28 80
Hire of steam roller	24 00
Sharpening saws	23 25
Stationery and books	21 75
Hose for tying young trees	8 40
Bicycle repairs	6 00
Cards for index	4 25
Repairs, tools	2 68
	<hr/>
Total	\$5,439 60
Balance unexpended	<hr/>
	40

REMOVAL DEAD TREES.

Amount appropriated May 19, 1911	\$5,000 00
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EXPENDED

Contract, removal of 125	\$2,437 00
Payrolls	2,226 32
Teaming	301 50
Advertising	13 37
Hardware, tools, etc	11 35
Sharpening saws	10 15
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Total	\$4,999 69
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Balance unexpended	31
<hr/>	

COMMONS, SQUARES AND PUBLIC GROUNDS

Amount appropriated May 19, 1911	\$4,250 00
Amount appropriated March 2, 1912	200 00
<hr/>	
	\$4,450 00

EXPENDED

Payrolls	\$3,580 32
Lighting	336 58
Hardware, tools and supplies	141 96
Teaming	108 00
Repairs board walks	77 41
Lawn seed	43 22
Housing topmasts, fixing halliards, etc	35 75
Repairing fence, Dana Square	35 16
Loam	27 72
Stakes for engineers	20 00
Loam	18 27
Wire for fencing	15 94
Slats for settees	8 10
Stationery	1 50
<hr/>	
Total	\$4,449 93
<hr/>	
Balance unexpended	\$ 07
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RINDGE FIELD AND SHELTER

Amount appropriated May 19, 1911.....	\$3,787 41
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(The Field)

EXPENDED

Payrolls	\$1,856 66
Lighting, Cambridge Electric Light Co.	180 00
Lighting, Welsbach Street Lighting Co.	59 16
Teaming	24 00

	\$2,119 82

(The Shelter)

EXPENDED

Payrolls	\$1,260 00
Coal	147 64
Towels	99 45
Supplies	39 63
Plastering repairs	30 00
Laundering towels	18 45
Repairs, building	17 64
Plumbing repairs	14 80
Lighting	12 73
Soap	8 80
Ice for cooler	7 20
Furniture	6 50
Stationery	4 50

Total	1,667 34

Balance unexpended	\$ 3,787 16

	\$ 25

SALARIES

Amount appropriated May 19, 1911.....	\$2,600 00
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EXPENDED

Salary of General Superintendent.....	\$1,800 00
Salary of Clerk and Bookkeeper.....	790 46

Total	2,590 46

Balance unexpended	\$9 54

BATH HOUSE

Amount appropriated May 19, 1911	\$1,700 00
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EXPENDED

Payrolls	\$1,043 11
Laundering towels, suits, etc.....	178 83
Lighting beach	125 88
Building new office and repairs to house	156 47
Bathing suits	54 88
Tools and supplies	41 28
Row boat	41 00
Stationery	20 49
Oxone generator	15 00
Supplies (needles, thread, etc.).....	12 20
Plumbing repairs	6 90
Medicinal supplies	3 48
Expressage	25
<hr/>	
Total	1,699 77
<hr/>	
Balance unexpended	\$ 23
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GENERAL ACCOUNT

Amount appropriated May 19, 1912.....	\$1,350 47
Amount transferred November 28, 1911, from Street Department, Maintenance	432 00
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Amount appropriated March 2, 1912	\$918 47
<hr/>	
	200 00
<hr/>	
	\$1,118 47

EXPENDED

Board of Superintendent's horse	\$226 00
Telephone service	159 56
Printing and binding Annual Report of 1910	134 30
Repairs, Riverside Boat Club house (1909)	85 11
Horseshoeing	75 37
Repairs stable	67 40
Postal cards and stamps	52 24
Printing and stock	50 25
Stationery	42 12
Entertaining Committee on Parks and Finance	31 60
Printing and binding copies of ordi- nances and statutes	25 00
Letter heads (embossed)	20 88
Harness repairs and supplies.....	26 60
Payrolls, ruled and printed.....	19 25
Repairs Superintendent's carriage....	31 35
Ledger Journal and payroll books....	29 25
<hr/>	
Amounts carried forward.....	\$1,076 28
	\$1,118 47

Amounts brought forward.....	\$1,076 28	\$1,118 47
Miscellaneous supplies	13 85	
Car tickets	10 00	
Kerosene oil	9 75	
Directory—1912	4 00	
Subscription "Municipal Journal".....	3 00	
Repairs typewriter	1 15	
<hr/>		
Total		\$1,118 03
Balance unexpended		\$ 44

LONGFELLOW PARK

Amount appropriated May 19, 1911.....	\$250 00	
Amount transferred November 28, 1911, from Maintenance, Sections A, B, D, F, G and H	3 26	
		<hr/>
	\$253 26	
EXPENDED		
Payrolls	\$253 26	
Total		\$253 26
		<hr/>

PLACING CURB, PLEASANT STREET PARK

Amount appropriated May 19, 1911.....	\$225 00	
EXPENDED		
Contract for artificial stone curb.....	\$209 00	
Loam	15 93	
<hr/>		
Total		224 93
Balance unexpended		\$ 07
		<hr/>

GUN CARRIAGES, CAMBRIDGE COMMON

Amount appropriated November 18, 1911.....	\$150 00	
EXPENDED		
Repairing same	\$150 00	
<hr/>		
Total		150 00
		<hr/>

Respectfully submitted,


 JOHN F. DONNELLY,
 General Superintendent of Parks.

4972-91

